

Horizon

CREASING

CRA-36

CREASING, PERFORATING AND SLITTING CAN BE PERFORMED IN ONE PASS.



BENEFITS

SHARP CREASING

Suitable for creasing covers, restaurant menus, shop cards, greeting cards and laminated sheets. The impact creaser avoids cracking on digitally-printed applications.

PREPARING PERFECT BOUND BOOK COVERS

Impact creasing helps to prepare high quality perfect bound book covers. Spine, hinge and flap creases can be properly produced by selecting up or down creasing.

PERFORATION

The supplied impact perforation unit and the optional rotary perforation unit enables perforation in both directions. Coupons or tickets can be perforated in one pass.

MANAGE YOUR BINDERY WITH HORIZON'S BINDERY CONTROL SYSTEM

The iCE Series can be enhanced with automated workflow from upstream to postpress with iCE LiNK, which uses cloud technology, Horizon's next generation bindery control system.

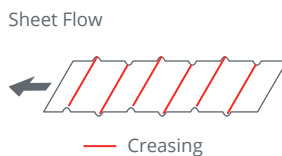
MULTIPLE FUNCTIONS ARE BUILT INTO A COMPACT SYSTEM.

System enables creasing, perforation, slitting and gutter / edge trimming all in one pass.

AVAILABLE CREASING AND PERFORATION PATTERNS.

CREASING

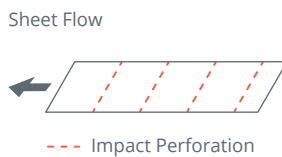
Select the up creasing or down creasing. Up to 10 creasing lines can be produced.



IMPACT PERFORATION

Perforation is available by installing the supplied impact perforation unit.

Perforation can be installed in the creasing section. A wide variety of creasing blades are available for different perforating patterns.



CREASING ALONG THE FOLD LINE

The creasing line can be made along the fold line.

* Creasing only and folding can not be performed.

Standard Fold Patterns



Parallel Fold



Double Parallel Fold



Short Fold



Letter Fold



Accordion Fold



Open Gate Fold



Open Gate Fold
(with creasing line)

COVERS FOR PERFECT BINDING (CREASING PATTERNS)

A wide variety of covers for perfect binding can be produced.

* Creasing only and folding can not be performed.

Creasing and perforation set up can be done with the intuitive touch screen.



One Line
(For a thin book)



Two Lines
(Spine Only)



Four Lines
(Spine and Hinge)



Five Lines with Flap
(Spine, Hinge and Flap)



Five Lines with Flap
(Spine, Hinge and Flap)



Six Lines with Double Flap
(Spine, Hinge and Double Flaps)



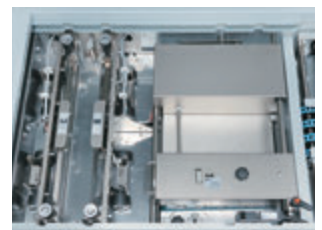
1 TOUCH PANEL

Changeovers including creasing number and up / down crease selection can be done easily at the new high resolution touchscreen. Up to 200 jobs can be stored in memory for easy recall.



3 SHEET REGISTRATION

Sheets align to the register guide to ensure straight feeding for accurate creasing. Sheet skew can be adjusted by changing the transport roller pressure on the registration guide.



2 RELIABLE SHEET FEEDING

Uniquely designed suction belt feeding system enables stable feeding performance even with heavier sheets. An ultrasonic sensor ensures miss or double detection regardless of the print image or thickness of sheets.



4 QUALITY CREASING

The standard equipped creasing unit performs normal creasing, creasing for folding and creasing for covers. Perforation is also available by installing the supplied impact perforation unit.



Extension Table

The extension table for longer sheets is used when the sheet length is 650 mm or 25.59" or longer. The maximum sheet length which can be loaded is 865 mm or 34.00".






















5 DELIVERY SECTION

Creased jobs are delivered on the chute. The trims from the optional rotary cutter unit are ejected to the tray. This is not necessary when the rotary cutter unit is not being used.



chute

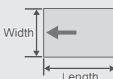
OPTIONS.

CRA-36				
Rotary Cutter Unit	The rotary cutter unit performs the perforation which is parallel to the sheet flow, strip trimming and slitting. The rotary cutter unit can be used with the creasing and impact perforation at the same time.			
	CRA-CP : Perforation Kit		Perforation Wheel	2 pcs
	Sheet Flow  --- Rotary Perforation		Lower Blade	2 pcs
			Upper Drive Roller	2 pcs
			Perforation Guide	3 pcs
			O-ring (spare)	4 pcs
	CRA-ST : Strip Trim Kit		Strip Trim Wheel	2 pcs
	Sheet Flow  — Strip Trimming		Lower Blade	4 pcs
			Upper and Lower Trim Guides	1 each
			O-ring (spare)	4 pcs
Impact Creasing Unit	CRA-ET : Edge Trim Kit		Edge Trim Wheel	2 pcs
	Sheet Flow  — Edge Trimming		Lower Edge Trim Blade	2 pcs
			Drive Roller	2 pcs
			Trim Guide (F / R)	1 each
			O-ring (spare)	4 pcs
Impact Creasing Unit	One unit is included as a standard option. Creasing units for different width creasing lines are available. (Standard width is 0.8 mm or 0.031") - 1.3 mm or 0.512" (thick) - 2.0 mm or 0.079" (thick)			

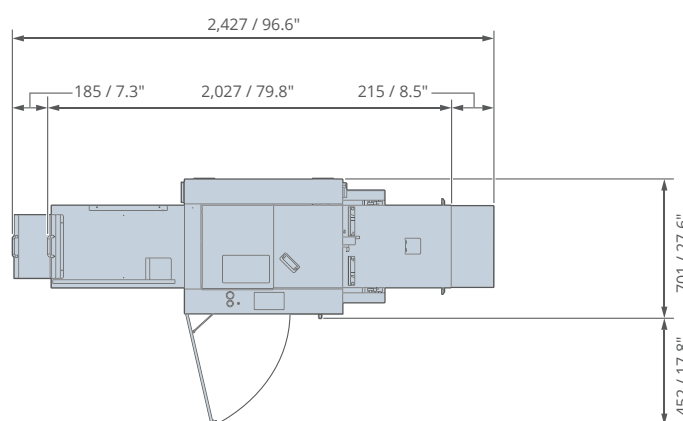
*The machine design and specifications are subject to change without any notice.

*Specifications may vary depending on the job, paper quality, environmental influences, and various other factors. Please do a test run before starting production.

SPECIFICATIONS.

CRA-36	
Installation Type	Floor Model
Sheet Feeding System	Air Suction Feed Belt
Sheet Size	 Width × Length Max. 364 × 865 mm or 14.33" × 34.05" Min. 105 × 180 mm or 4.14" × 7.09"
	For mm version A3, JIS B4, A4, JIS B5 For inch version 12" × 18", 11" × 17", 8.5" × 14", 8.5" × 11"
Sheet Weight Range	Normal Paper 80 to 400 gsm
	Coated Paper (Gloss, Matte) 105 to 400 gsm
	Laminated Paper 0.2 to 0.5 mm or 0.0079" to 0.0196"
The sheet range is limited when the impact perforation unit is used. Normal Paper : 80 to 210 gsm Coated Paper (Gloss, Matte) : 105 to 256 gsm	
Feeder Stack Height	Max. 150 mm or 5.90"
Impact Creasing Mechanism	One set of positive and negative
Number of Impact Crease Lines	Max. 10 Creasing Lines
Production Speed	5,000 sheets per hour (A4, short-edge feeding, one creasing line)
Voltage / Frequency	Single Phase 100 to 120 V, 50 or 60 Hz Single Phase 200 to 240 V, 50 or 60 Hz
Rated Current	Single Phase 100 to 120 V, 50 or 60 Hz, 7.2 A Single Phase 200 to 240 V, 50 or 60 Hz, 3.0 A Single Phase 115 V, 50 or 60 Hz, 5.7 A
Machine Dimensions	W2,427 × D701 × H1,043 mm or W95.6" × D27.6" × H41.1"
Machine Weight	Main Body : 228 kg or 502.2 lb Accessories : 20 kg or 44.1 lb

Machine Dimension. (Unit : mm / inch)



Provide 700 mm or 27.6" of space around the machine.

Horizon

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